YNK-DBR No.....
Date.....

Original/Duplicate/Triplicate

W.G. 17 | 1st and Final Bill | **CONTRACT CERTIFICATE**

Reference paras 158 & 170

AEE, YSTSD
SBR No: 84/22-23
Date: Date 12/7/2022

Division Yelahanka | Sub division Yelahanka New Town

Bills received No | Date | Sub-divisional | Cash book vr No | Date | Divisional | Head of account

Sheduled Docket

Name of work(as per sanctioned estimate)

NAME OF WORK : Additional Works to Publci Toilet at NES circle in Yelahanka Upnagara ward no:04

Work Code:004-22-000003

Name of contractor and full address :-

Srl.Lokanathreddy N, No 65 First Floor, 7th B Cross, Kanakanagara RT Nagara, Bangalore-560032.

Reference to agreement No :- 135 | **Estimated cost :** | **Work order No :135, dt:17-01-2022**

Certified that the measurments were taken by me on 13-06-2022 and recorded on pages 496746 to 496761 of measurment book No 4968. and the work is satisfactorily executed by the contractor.

N.L.R. Reddy
Signature of contractor

Asst. Engineer

Certified that the measurments were taken by me on 13/06/2022 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

13/06/2022

ಸಹಾಯಕ ವಿಭಾಗಾಧಿಕಾರಿ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%---------		
3) Balance---	Total-	31,41,702-00
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount	CHST	29050-00
	SHT	29050-00
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	IT	31418-00
	SC	31418-00
Total	SBC	3142-00
	LA	16794-00
5) Balance being unpaid value of work done held in reserve	TD	138872-00
6) Deduct cash of advance made on divisional/sub divisional cash book		
7) Net amount due to or from contractor		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)	CH	3002830-00
9) Value of government materials supplied		
N.L.R. Reddy **TOTAL AMOUNT UN-ADJUSTED**		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all

Witness
1)
2)

N.L.R. Reddy
Dated signature of contractor

paid by me cheque No dated

Cash Rs.....

Reciept Stamp

Audited & Admitted for Rs. 31,41,702-00
Thirty one lakh fourty one thousand seven hundred zero two rupees.
3002830-00 by Cheque
and Rs. 138872-00 by adjusement

Accts. Suptt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
		Qty	Cost	Qty	Rate	Amount	Qty	Cost
2	3	4	5	6	7	8	9	10
KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar.	cum			2.06	397.65	819.16	2.06	819.16
2 37.51: Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS	sqm			6.36	397.65	2527.07	6.36	2527.07
3 Dismantling plastering and removing the debris with a lead upto 200m.	sqm			10.30	41.92	431.78	10.30	431.78
4 KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5	cum			56.73	508.68	28855.89	56.73	28855.89

	KSRB 3.8 : Providing and laying in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS	cum					0.00	0.00	0.00
	upto 125% qty				1.95	2751.86	5366.13	1.95	5366.13
	upto 125% qty				8.06	2751.86	22179.99	8.06	22179.99
6	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2	cum					0.00	0.00	0.00
	upto 125% qty				8.74	6203.05	54214.66	8.74	54214.66
	upto 125% qty				1.75	6203.05	10855.34	1.75	10855.34

	KSRB 1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	cum			16.66	6741.03	112321.57	16.66	112321.57
8	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas perspecifications.KBS 5.1.13	cum			10.46	5206.90	54465.48	10.46	54465.48
9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5 m. including cost of all labour complete asper specifications. Specification. No. KBS 2.9,	cum							
					20.86	227.72	4750.81	20.86	4750.81
					18.85	227.72	4292.52	18.85	4292.52

	...g the excavated ..., debries etc., with all ...ad and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum			21.50	70.38	1513.14	21.50	1513.14
11	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2,	Sqm			11.10	292.29	3244.42	11.10	3244.42
12	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2,	Sqm			8.28	405.59	3358.29	8.28	3358.29
13	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No.KBS 4.6.2,	Sqm			6.50	516.61	3357.97	6.50	3357.97

	KB 6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2,	Sqm			8.28	330.81	2739.11	8.28	2739.11
15	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6,	Cum			3.50	7383.34	25841.69	3.50	25841.69

	B 3.8 : Providing and ing in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thickness) including attached plasters ,columns, pillars,posts,struts butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1,	Cum			0.32	7647.31	2477.73	0.32	2477.73
17	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25	CUm			0.83	7026.47	5831.97	0.83	5831.97

	4.6.3 : Providing T.M.T as Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3	Ton			1.16	99036.47	114882.31	1.16	114882.31
19	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications.	Sqm			41.93	1033.22	43322.91	41.93	43322.91

	.B 15 : Providing and nstructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4,	Sqm				21.60	918.80	19846.08	21.60	19846.08
21	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm				98.52	295.69	29131.38	98.52	29131.38
22	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm				72.11	231.12	16666.06	72.11	16666.06

	KSRB 15-15.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications.	Sqm			140.43	232.25	32614.87	140.43	32614.87
24	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost oflabour and scaffolding etc. ,complete as per specification.	Sqm							
					43.20	88.37	3817.58	43.20	3817.58
25	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.	Sqm							
					60.40	101.96	6158.38	60.40	6158.38

	KSRB 16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer.	Sqm							
					26.76	115.56	3092.39	26.76	3092.39
					138.93	115.56	16054.75	138.93	16054.75
27	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4.	Sqm							
					52.50	714.87	37530.68	52.50	37530.68
					15.71	714.87	11232.00	15.71	11232.00

	providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as perspecification	Sqm				22.61	1288.13	29124.62	22.61	29124.62
						31.74	1288.13	40885.25	31.74	40885.25
29	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17	Rmt				82.86	1848.93	153202.34	82.86	153202.34
						12.58	1848.93	23259.54	12.58	23259.54
30	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.	Sqm								

					14.07	2242.05	31545.64	14.07	31545.64
	roviding half nosing for 20mm thick granite slab using required machinery including cost andconveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification	Mtr							
					17.30	203.93	3527.99	17.30	3527.99
32	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole	Sqm							
					90.75	595.92	54079.74	90.75	54079.74
					50.96	595.92	30368.08	50.96	30368.08

	viding and fixing mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM), U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.	Nos							
					31.50	509.81	16059.02	31.50	16059.02
					54.00	509.81	27529.74	54.00	27529.74

	nding and fixing factory de single leaf rigid GRP andwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm.Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc shall be provided. A structural adhesive compatible with EPS	Cum								
					11.81	4305.10	50843.23	11.81	50843.23
					11.81	4305.10	50843.23	11.81	50843.23
35	KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m.including cost of materials, labour, complete as per specifications.	Sqm			1.00	1547.57	1547.57	1.00	1547.57

	9.4-1 Providing Honne d frames of doors, ndows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineriescomplete as per specifications. Specification No. KBS 9.33	Sqm			0.08	99248.32	7939.87	0.08	7939.87
37	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS9.34.	Sqm			1.58	5349.65	8452.45	1.58	8452.45
38	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications.	Kgs			3.15	109.89	346.15	3.15	346.15

	viding & Fixing of 3 Track 2 Panel Sliding Windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets having isolated drainage and reinforced with Galvanized Iron profile through-out the window Frame. The outer frame having a overall size of 108 mm width X 45 mm height with reinforcement of 1 mm thickness and sash with overall size of 39 mm x 75 mm with GI reinforcement of 2 mm and mesh sash of size 30mm.Windows shall be provided with 5mm plain float glass, standard hardware and single pointlocking system with touch lock. Wall thickness of frame and sash shall be of 2mm -2.5mm.	Sqm			1.22	5913.84	7214.88	1.22	7214.88
40	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12	CUm			25.52	107.63	2746.72	25.52	2746.72

	B 15-2.2 : Providing d applying enamel metal aint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm			5.47	107.63	588.74	5.47	588.74
42	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305	Sqm			18.21	368.20	6704.92	18.21	6704.92
					24.01	368.20	8840.48	24.01	8840.48
43	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing.	Sqm			21.13	3993.54	84383.50	21.13	84383.50

	viding and fixing of luminium composite panel of approved make and colour for wall cladding for straight Brick/Rcc/stone walls & coloumns/beams with necessary aluminium frame works at required level made out of 50x25x3mm C section or equalent. The panel should consist of 2.5 mm thermoplastic core of antitoxic LDPE sandwiched between 0.25 skins thick aluminium sheet making a total panel thickness of 3mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow	Nos			139.57	4463.70	622998.61	139.57	622998.61
45	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including curing etc., complete.	Set			7.90	4012.80	31701.12	7.90	31701.12
46	Health Faucets	Cum			19.00	3147.00	59793.00	19.00	59793.00
47	KSRB13-6.6-1 : Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS	Nos			22.00	265.10	5832.20	22.00	5832.20

	.B 4.5.7: Providing and ing in position reinforced ement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6.	Each				4.73	6549.09	30977.20	4.73	30977.20
49	Submersible Single phase 4 inch/100mm for sump page no XL111 Sl no 10	Each				1.00	15655.28	15655.28	1.00	15655.28
50	Senso Art,Make;-Hindware Urinal,s	Each				8.00	36715.00	293720.00	8.00	293720.00
51	Magro Wash Basin,Make;-Hindware Wash Basin	Each						0.00	0.00	0.00
						5.00	9441.00	47205.00	5.00	47205.00
52	Sensor,Make;-Jaquare Taps	Unit				6.25	15735.00	98343.75	6.25	98343.75
						5.00		78675.00	5.00	78675.00

	KSRB 11.11.1 : Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. Specification no.KBS 11	Unit			6.25	5614.75	35092.19	6.25	35092.19
					6.75	5614.75	37899.56	6.75	37899.56
54	KSRB 11.11.1 : Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a Single 15mm C.P brass pillar taps with C.I / M.S brackets,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as perspecifications. Specification No. KBS 11	Unit					0.00	0.00	0.00
					3.00	3567.57	10702.71	3.00	10702.71

	RB 1 : Providing and xing white vitreous china clay,flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.Specification No. KBS 11.	Unit			7	9146.06	64022.42	7.00	64022.42
56	KSRB 11.15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.	Each			5.00	1287.00	6435.00	5.00	6435.00
					3.00	1287.00	3861.00	3.00	3861.00
57	KSRB 11.17.1: Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as perspecifications.	Each			5.00	837.23	4186.15	5.00	4186.15
					3.00	837.23	2511.69	3.00	2511.69
58	Providing and fixing 7.5 cms to 15.00cms dia NP grating 100 mm dia.	Each			13.00	169.94	2209.22	13.00	2209.22

	KSRB-13-6.1-1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 3000 Litre capacity) as per IS 12701 1996. Specification No.KBS 13.22	Each			2.00	23206.73	46413.46	2.00	46413.46
60	KSRB-13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS13.2.2/ 13.3	Each			20.00	196.00	3920.00	20.00	3920.00
61	KSRB-13-6.2-2 : Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.2/ 13.3	Mtr			15.00	159.74	2396.10	15.00	2396.10
62	KSRB-13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.Specification no. KBS 13.2.6/ 13.3	Mtr			2.00	380.66	761.32	2.00	761.32

	...vid... and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting chases and good thewalls etc.,)	point			18.00	266.24	4792.32	18.00	4792.32
64	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete (Concealed work including cutting chases and good thewalls etc.,)	Point			25.00	331.95	8298.75	25.00	8298.75

	int ng using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet.	Rmt			12.00	209.80	2517.60	12.00	2517.60
66	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet.	Rmt			15.00	288.48	4327.20	15.00	4327.20

	Conduit System - upplying heavy gauge PVC conduit pipe ... ... mm dia mm thick confirming to IS2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary	Rmt			30.00	55.60	1668.00	30.00	1668.00
68	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduitwhere ever necessary.	Each			35.00	53.50	1872.50	35.00	1872.50
69	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduitwhere ever necessary.	Each			25.00	56.65	1416.25	25.00	1416.25

	ing flush mounting er coated / galvanized al box suitable for unting modular switch lates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall	Nos			5.00	99.66	498.30	5.00	498.30
71	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall	Each			5.00	110.15	550.75	5.00	550.75
72	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 .	Nos			3.00	138.47	415.41	3.00	415.41
73	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293	Rmt			4.00	157.35	629.40	4.00	629.40
74	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854,16Amps Combined switch and socket with indication	Rmt			6.00	203.51	1221.06	6.00	1221.06

	...r lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments	Nos			85.00	21.03	1787.55	85.00	1787.55
76	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments	Each			25.00	33.57	839.25	25.00	839.25
77	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting	Each			30.00	314.70	9441.00	30.00	9441.00
78	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply.	Each			25.00	1258.80	31470.00	25.00	31470.00
79	Supplying, fixing and wiring electronic Trivector Meter(ETV) 5 to 20Amps single phase Class-1 Accuracy with Temper Proof Energy Meter.	Each			2.00	1206.35	2412.70	2.00	2412.70
				TOTAL			2824622.79		2824622.79
				GST Charges 12%			353077.85		353077.85
				Grand Total			3177700.64		3177700.64

Certificate:

Certified that the contractor has work done satisfactorily.

The contractor has removed the debries from work site.

There is no dept. materials issued to the contractor.

Ward No :04
Assistant Engineer

Assistant Executive Engineer
Jnanbharathi Satellite Town Sub Division
BBMP, Bangalore-64